



PATENTS
CASE 5585
PMP:lm1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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LESTER P. J. BURTON :
PATENT NO.: 4,912,155 : DATE: JUNE 8, 1990
ISSUED: MARCH 27, 1990 : GROUP ART UNIT: 122
SERIAL NO.: 20,023 : EXAMINER: A. H. SUTTO
FILED: FEBRUARY 27, 1987 :
FOR: ANTIOXIDANT AROMATIC :
FLUOROPHOSPHITES :
----- :

Honorable Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

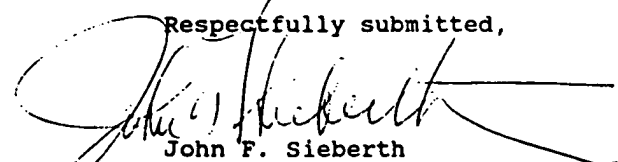
LETTER

On May 7, 1990, Patentee received what was purportedly to be the above-identified official Letters Patent (copy of address side of envelope attached). However, upon opening the envelope, it was found that the Letters Patent enclosed was U.S. 4,912,156 assigned to Adeka Argus Chemical Co., Ltd. of Tokyo, Japan. It is respectfully requested that the Patent Office send to Patentee the official Letters Patent for U. S. 4,912,155.

Returned herewith is the official Letters Patent for U. S. 4,912,156.

A copy of this Letter is being sent to the agent listed on the face of U. S. patent 4,912,156, Barnes, Kisselle, Raisch, Choate, Whittemore & Hulbert of Detroit, Michigan.

Respectfully submitted,


John F. Sieberth
Reg. No. 17,704
Attorney for Applicant

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

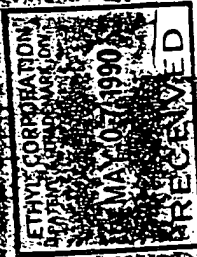
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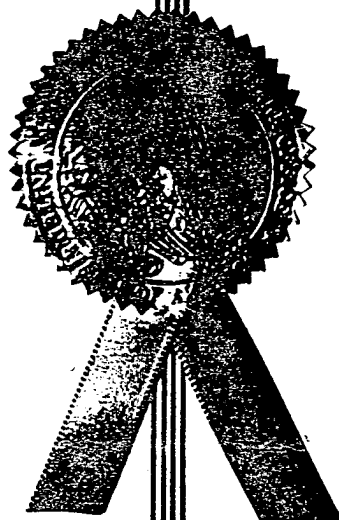
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LETTER MAIL

FIRST CLASS

The
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The Commissioner of Patents
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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the United States of America for the term of seventeen years from the date of this patent, subject to the payment of maintenance fees as provided by law.

Jeff M. Sane

Acting Commissioner of Patents and Trademarks

Melvinia Gary
Attest

[54] POLYOLEFIN COMPOSITION

[75] Inventors: Masaki Yagi, Ohmiya; Tohru Haruna, Okegawa; Takashi Takeuchi; Toshinori Yukino, both Urawa, all of Japan

[73] Assignee: Adeka Argus Chemical Co., Ltd., Tokyo, Japan

[21] Appl. No.: 225,054

[22] Filed: Jul. 27, 1988

[30] Foreign Application Priority Data

Jul. 30, 1987 [JP] Japan 62-191333

[51] Int. Cl.⁴ C08K 5/52

[52] U.S. Cl. 524/120; 524/291

[58] Field of Search 524/120, 291

[56]

References Cited

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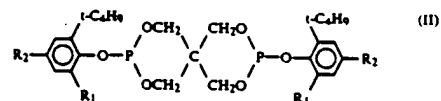
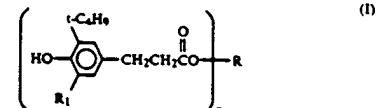
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Primary Examiner—Veronica P. Hoke

Attorney, Agent, or Firm—Barnes, Kisselle, Raisch, Choate, Whittemore & Hulbert

[57] ABSTRACT

A polyolefin composition comprises 100 parts by weight of a polyolefine which has been produced with use of a Ziegler catalyst and has a part or residue of the catalyst left therein, 0.005 to 1 part by weight of a phenol compound having the formula (I) and 0.005 to 1 part by weight of an organic phosphite compound having the formula (II).



in which R is a residue group of an alcohol being monohydric, dihydric, trihydric or tetrahydric, R₁ is methyl or tert-butyl, R₂ is an alkyl, —CH₂CH₂COOR₃ or —COOR₃, R₃ being an alkyl, aryl or an alkylaryl, and n is a number of 1 to 4.

3 Claims, No Drawings

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PMP/lml

U.S. 4,912,155, Issued March 27, 1990

Applicants LESTER P. J. BURTON

Serial No. 20,023 Filed Feb. 27, 1987

Ethyl Case No. 5585

Item(s) Enclosed Letter

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